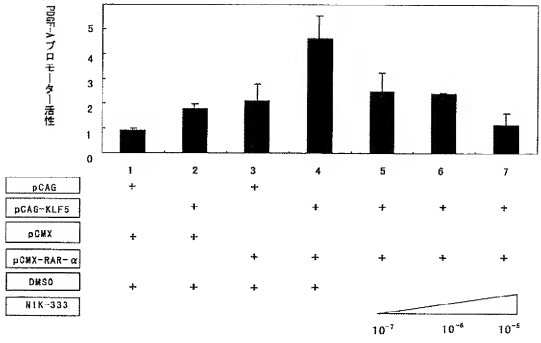
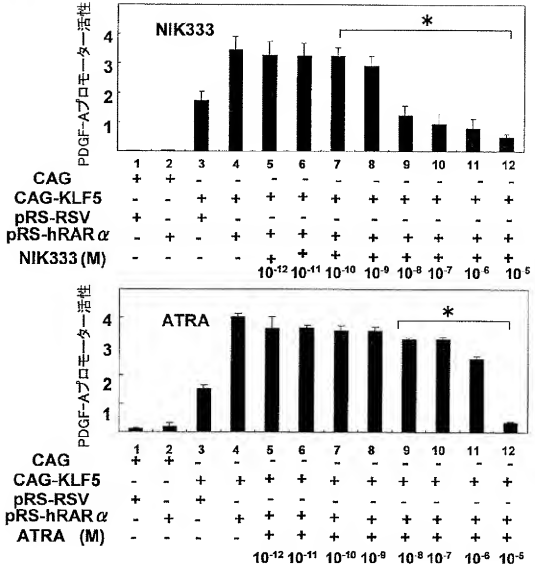
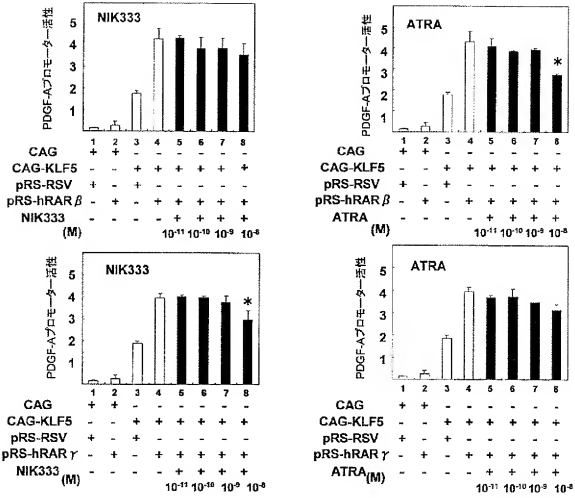
[図1]


SURFACTANT PROTEIN-D プロモーター活性
0
1
2
3
4
5
1
2
3
4
5
6
7
pCAG
pCAG-KLF5
pCMX
pCMX-RAR-α
DMSO
NIK-333
10⁻⁷
10⁻⁶
10⁻⁵

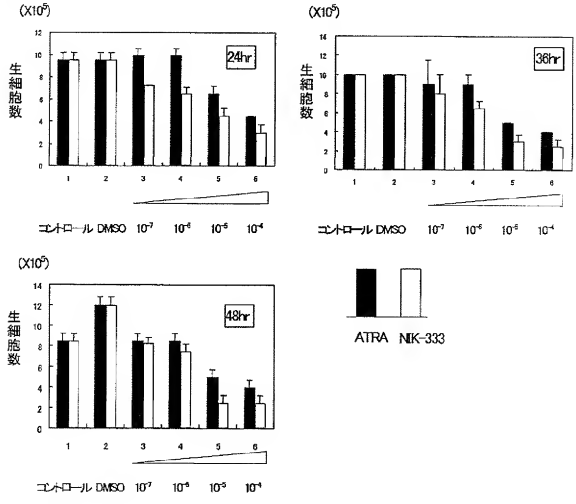
[図2]


NIK333
PDGF-Aプロモーター活性
4
3
2
1
*
1 2 3 4 5 6 7 8 9 10 11 12
CAG + + - - - - - - - - - -
CAG-KLF5 - - + + + + + + + + + +
pRS-RSV + - + - - - - - - - - -
pRS-hRARα - + - + + + + + + + + +
NIK333 (M) - - - - + + + + + + + +
10-12 10-11 10-10 10-9 10-8 10-7 10-6 10-5
ATRA
PDGF-Aプロモーター活性
4
3
2
1
*
1 2 3 4 5 6 7 8 9 10 11 12
CAG + + - - - - - - - - - -
CAG-KLF5 - - + + + + + + + + + +
pRS-RSV + - + - - - - - - - - -
pRS-hRARα - + - + + + + + + + + +
ATRA (M) - - - - + + + + + + + +
10-12 10-11 10-10 10-9 10-8 10-7 10-6 10-5

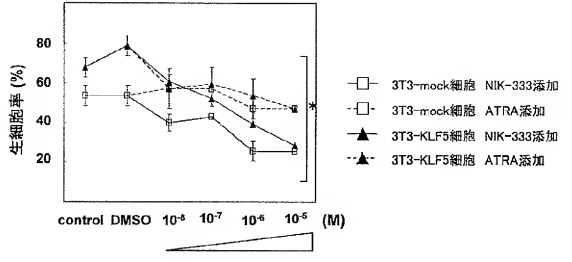
[図3]


NIK333
ATRA
PDGF-Aプロモーター活性
CAG
CAG-KLF5
pRS-RSV
pRS-hRARβ
pRS-hRARγ
NIK333
ATRA
(M)
10-11 10-10 10-9 10-8
*

[図4]


(X10⁵)
24hr
36hr
48hr
接着細胞
コントロール DMSO 10⁻⁷ 10⁻⁶ 10⁻⁵ 10⁻⁴
ATRA NIK-333

[図5]


生細胞率 (%)
80
60
40
20
control DMSO 10⁻⁸ 10⁻⁷ 10⁻⁶ 10⁻⁵ (M)
*
3T3-mock細胞 NIK-333添加
3T3-mock細胞 ATRA添加
3T3-KLF5細胞 NIK-333添加
3T3-KLF5細胞 ATRA添加